

# Work Order ID 58284

May 3, 2010 10:22:27 AM



Page 1

Item ID: D205-633-011

Accept



Setup Start



Revision ID:

Item Name: Heli-Access-Step

Stop



Start Date: 5/03/10 Start Qty: 6.00



Cust Item ID:

Required Date: 5/07/10 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan:

*V*

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr	Revision Nbr
N/A	Rev N/A

100



DOCUMENT CONTROL

0.00

DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP205-633-011 CHG001

*5 blocks*

*for BG 10/06/03*

110



Pick Kit

0.00

Packaging

Packaging

Memo

0.00

*7 m-l 10/06/03*

*6x*

*6*

120



QC4- 100% Inspect kits for completeness

0.00

QC

Quality Control

Memo

0.00

*8 val 6/03*

*46*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D205-633-011

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Setup

Start



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Item Name: Heli-Access-Step

Stop



Start Date: 5/03/10 Start Qty: 6.00



Cust Item ID:

Required Date: 5/07/10 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130



Packaging

Packaging

Memo

Identify and pack for shipping as per PPP D205-633-011  
Location: 70

0.00

Rev G

10-6-9 SL PC

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/06/09 JF

MF  
10-6-9

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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# Picklist Print

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Work Order ID: 58284



Parent Item: D205-633-011



Parent Item Name: Heli-Access-Step

Start Date: 5/03/10

Required Date: 5/07/10

Comments: IPP Rev:F (02.07.11) Reformat; Removed D3010 (RFI)

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
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AN4-14A



Bolt

Purchased No

110 Each 48.0000

1 M119082

✓

Location	Loc Qty	Loc Code
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ST357	21	
114494	21	
ST358	27	
113359	27	

AN4-5A



Bolt

Purchased No

110 Each 281.0000

2 M119108

✓

Location	Loc Qty	Loc Code
----------	---------	----------

ST356	281	
114108	81	
114330	200	

AN4-6A



Bolt

Purchased No

110 Each 872.0000

2 M11961511x

M160671x

✓

Location	Loc Qty	Loc Code
----------	---------	----------

ST356	872	
112933	172	
113149	600	
114523	100	

AN4-7A



Bolt

Purchased No

110 Each 232.0000

2 M160671x

Location	Loc Qty	Loc Code
----------	---------	----------

ST356	232	
113226	232	

12x

M-1 w/06/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

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Work Order ID: 58284



Parent Item: D205-633-011



Parent Item Name: Heli-Access-Step

Start Date: 5/03/10

Required Date: 5/07/10

Comments: IPP Rev:F 02.07.11 (Reformat; Removed D3010) (URF)

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
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AN5-14A		Purchased	No			110	Each	85.0000				
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Bolt

			Location	Loc Qty	Loc Code		
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ST338	85	
112411	35	
112489	50	

6X m-f 10/06/03

AN5-6A		Purchased	No			110	Each	57.0000			
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Bolt

			Location	Loc Qty	Loc Code		
--	--	--	----------	---------	----------	--	--

ST337	57	
111425	7	
112243	50	

m 114576 2X m-f 10/06/03

AN960JD416		Purchased	No			110	Each	0.0000			
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NA6114904730

Washer											
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AN960JD516		Purchased	No			110	Each	0.0000			
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Washer											
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D2021-101		Manufactured	No			110	Each	12.0000			
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Eyebolt											
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			Location	Loc Qty	Loc Code		
--	--	--	----------	---------	----------	--	--

ST004	12	
55021	12	

3 59/05 5X m-f 10/06/03

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1X m-f 10/06/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 58284



Parent Item: D205-633-011



Parent Item Name: Heli-Access-Step

Start Date: 5/03/10

Required Date: 5/07/10

Comments: IPP Rev:Fi 02.07.11|Reformat; Removed D3010 |(RFI)

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

D2022-101 S+6 Spacer		Manufactured	No		110	Each	251.0000	2			
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<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>
ST504	45885 ✓	251	40885
		51	12X
50746		100	
52325		100	

m-f 10/06/03

D2022-103 S+6 Spacer		Manufactured	No		110	Each	146.0000	2			
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<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>
ST004	47964 ✓	146	47964
		146	12X

m-f 10/06/03

D2562-001 S+6 Strut		Manufactured	No		110	Each	0.0000			
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B582862X

D2563 S+6 Step Weldment Assembly		Manufactured	No		110	Each	0.0000			
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2X m-f 10/06/03

D2565-101 S+6 Strut		Manufactured	No		110	Each	1.0000			
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2X m-f 10/06/03

				<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
				ST270	1	

56305

B582873X

1 B-59218-3X 10/06/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

# Picklist Print

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Work Order ID: 58284



Parent Item: D205-633-011



Parent Item Name: Heli-Access-Step

Start Date: 5/03/10

Required Date: 5/07/10

Comments: IPP Rev:Fl 02.07.11! Reformat; Removed D3010 (URF)

Start Qty: 6.00

Required Qty: 6.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	---------------	----------------	--------

D2565-111		Manufactured	No			110	Each	1.0000				
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S  
Strut

358223 3X P146/8

Location Loc Qty Loc Code

ST270 56310 358294

MS21042L4

MS21042L4	Purchased	No			110	Each	2,811.000				
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S  
Nut

3X m-h 10/06/03

Location Loc Qty Loc Code

ST139 111827 2

ST300 113422 2

114108 205

114523 2000

9063 8

ST463 114416 500

114416 500

697.0000

48X m-h 10/06/03

MS21042L5

12X

MS21042L5	Purchased	No			110	Each	697.0000				
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6  
Nut

Location Loc Qty Loc Code

ST300 113523 697

113537 26

114108 3

114437 168

114449 100

400

12X m-h 10/06/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## 5.0 PARTS LISTS

## 5.1 D205-633-011/-013/-015/-017 Heli-Access Step

QTY -011	QTY -013	QTY -015	QTY -017	Part Number	Description
X				D205-633-011	Heli-Access-Step™, High Gear
	X			D205-633-013	Heli-Access-Step™, Extended High Gear (31")
		X		D205-633-015	Heli-Access-Step™, Extended High Gear (39")
			X	D205-633-017	Heli-Access-Step™, Standard Low Gear
1			1	D2021-101	EYEBOLT
2	2	2	2	D2022-101	SPACER
2	2	2	2	D2022-103	SPACER
14				D2562-001	STRUT
		1		D2562-005	STRUT
			1	D2562-007	STRUT
			1	D2562-013	STRUT
1	1	1	1	D2563	WELDMENT ASSEMBLY
1				D2565-101	STRUT
1				D2565-103	STRUT
1				D2565-105	STRUT
1				D2565-107	STRUT
1				D2565-109	STRUT
1				D2565-111	STRUT
		1		D2565-201	STRUT
			1	D2565-203	STRUT
				D2565-205	STRUT
			1	D2565-207	STRUT
			1	D2565-209	STRUT
			1	D2565-211	STRUT
			1	D2565-301	STRUT
			1	D2565-303	STRUT
			1	D2565-305	STRUT
			1	D2565-307	STRUT
			1	D2565-309	STRUT
			1	D2565-401	STRUT
			1	D2565-403	STRUT
			1	D2565-405	STRUT
			1	D2565-407	STRUT
			1	D2565-409	STRUT
			1	D2565-411	STRUT
			1	D3165-1	SUPPORT ARM
	1	1		AN44-7A	EYEBOLT
2	1	1	2	AN4-5A	BOLT
2	3	3	2	AN4-6A	BOLT
2	2	2	2	AN4-7A	BOLT
1	1	1	1	AN4-14A	BOLT
1	1	1		AN4-10A	BOLT
1			1	AN5-6A	BOLT
1	1	1	1	AN5-14A	BOLT
15	16	16	15	AN960JD416	WASHER
4	4	4	4	AN960JD516	WASHER
8	8	8	8	MS21042L4	NUT (or MS21042-4)
2	2	2	2	MS21042L5	NUT (or MS21042-5)

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries